

## **Business Application System (BAS) Software Patent Application**

1. The purpose of the application is to provide a wide variety of management tools to employers and provide them with the ability to connect and communicate with employees regardless of their work location.
2. This Patent application applies to the creation of Software for use within Mobile Devices (both Android and Apple), File Transfers, and Wired/Wireless Television and Monitor Connection.
3. The patent application is two-fold in nature as it describes both the Business Application System (BAS) Software and how the physical devices and components are utilized within the system.
4. The components of the system exist although not in the integrated manner with the Business Application System (BAS) Software and configurations that I seek to patent. The Software does not exist.
5. Components and Process:

## **Mobile Device Software Application**

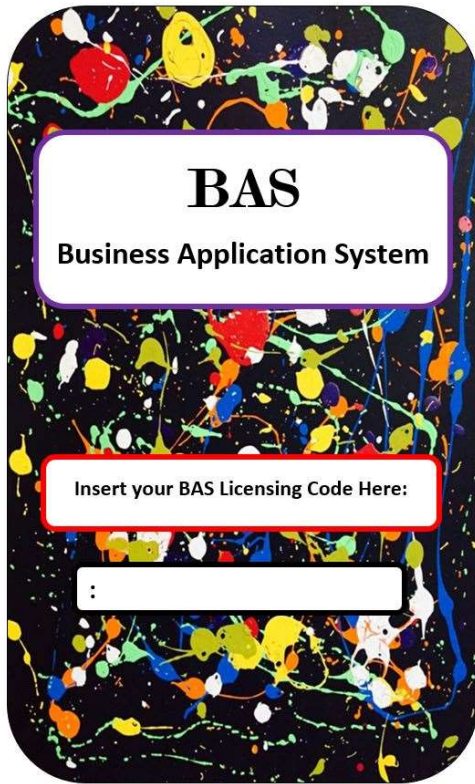
### **Download/Licensing**

Licensing Cost will be determined/divided into 4 categories:

- a. 25 Employees and Below;
- b. 50 Employees and Below;
- c. 75 Employees and Below; and
- d. 100 or more Employees.

The BAS Software will be programmed to ensure that the applicable Purchased Licence Type (based on the number of Employees/Users that the original customer has within their organization) correlates with the BAS Software capabilities.

A licensing key will be given to each BAS Software customer. This key allows for the unique identification of their organization and employees within the Software. Each BAS Software download will prompt the user to enter their unique licensing code. This will be the initial BAS Software Screen. It will look as demonstrated in Figure 1 below:



*Figure 1: Initial Licensing Screen*

## **Main Menu**

The Main Menu consists of the following sub-menus:

1. User/Profile Menu
2. Meetings Menu
3. Calendar Menu
4. Quick File Transfer Menu
5. Monitor Connection Menu

The Main Menu will look similar to Figure 1 below and access to each sub-menu will be granted via touch-screen.

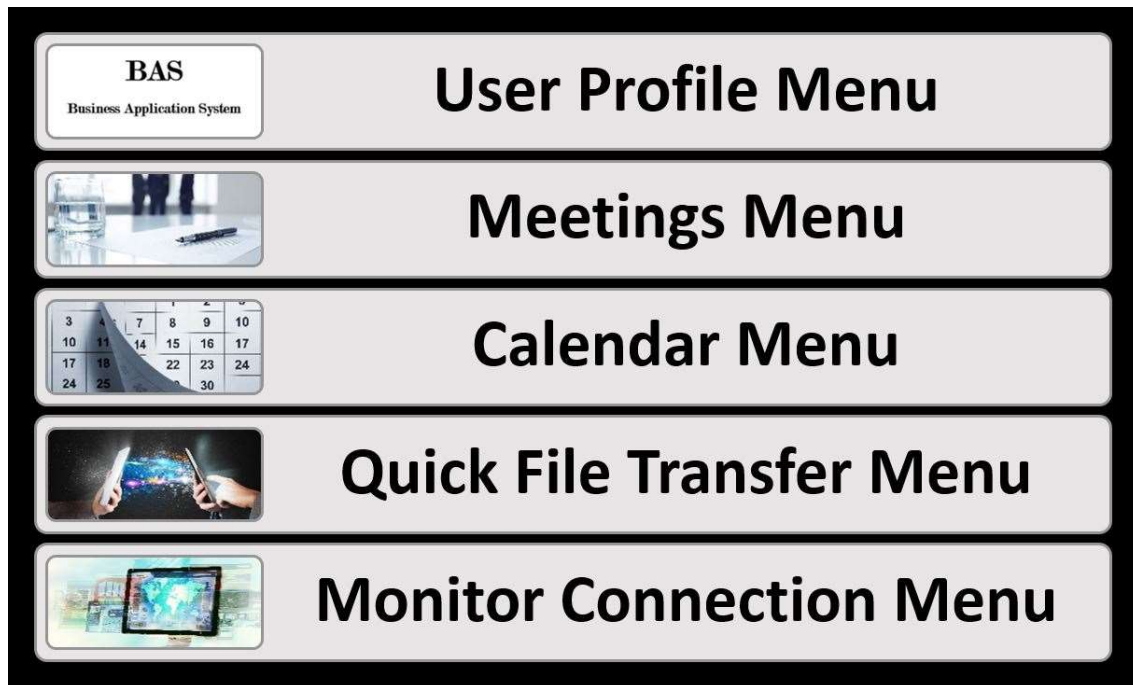


Figure 2: Main Menu

## User Profile Menu

The *User Profile Menu* will allow the original software purchaser to assign their company, position, name, and contact information for all subsequent company users to be able to utilize and view. The *User Profile Menu* will contain both a *User Picture* feature and an *User Contact Information* feature.

The BAS Software users will be displayed in the following manner:

**Company/Organization | Name | Position | Permissions**

 The form is a light gray rounded rectangle. 
 - Top left: A placeholder image of a red vintage car with the text 'Add Photograph' below it.
 - Top right: A yellow button with the text '+ Assign'.
 - Middle: A text input field with the placeholder '+ Company / Organization'.
 - Bottom: A row of labels 'Position | Name | Permissions' followed by a row of red text '+Phone|+Email|+Text|File Transfer'.

Figure 3: Add Company Position Name

## For Example: BASRC – CEO – Benjamin Allen Sullivan



Figure 4: Company Position Name Example

The User Profile Menu will allow for the ability to assign, associate, or name any position to a specific company employee. It is possible to customize the organisational structure and assign Employee/User Permissions.

### Permissions Menu

Certain users will have application (company permissions) to create and assign users within their organizations and assign those users various levels of permissions. Users will be able to assign permissions based on those assigned by the original purchaser of the Business Application System (BAS). The original purchaser will be able to assign permissions to everyone within their organization.

The Permissions Menu will display whether or not the BAS user can assign positions or not. This will be demonstrated via three permission types: Full, Department, Position.

- a. Full: This gives the BAS Software User Full Permissions to assign, alter, and create any position within the organization (i.e. CEO/VP etc.).
- b. Department: This gives the BAS Software User Full Permissions to assign, alter, and create positions within their specific Department (i.e. Marketing, Public Relations, etc.).
- c. Position: This does not afford any permissions to the user other than editing their personal information.

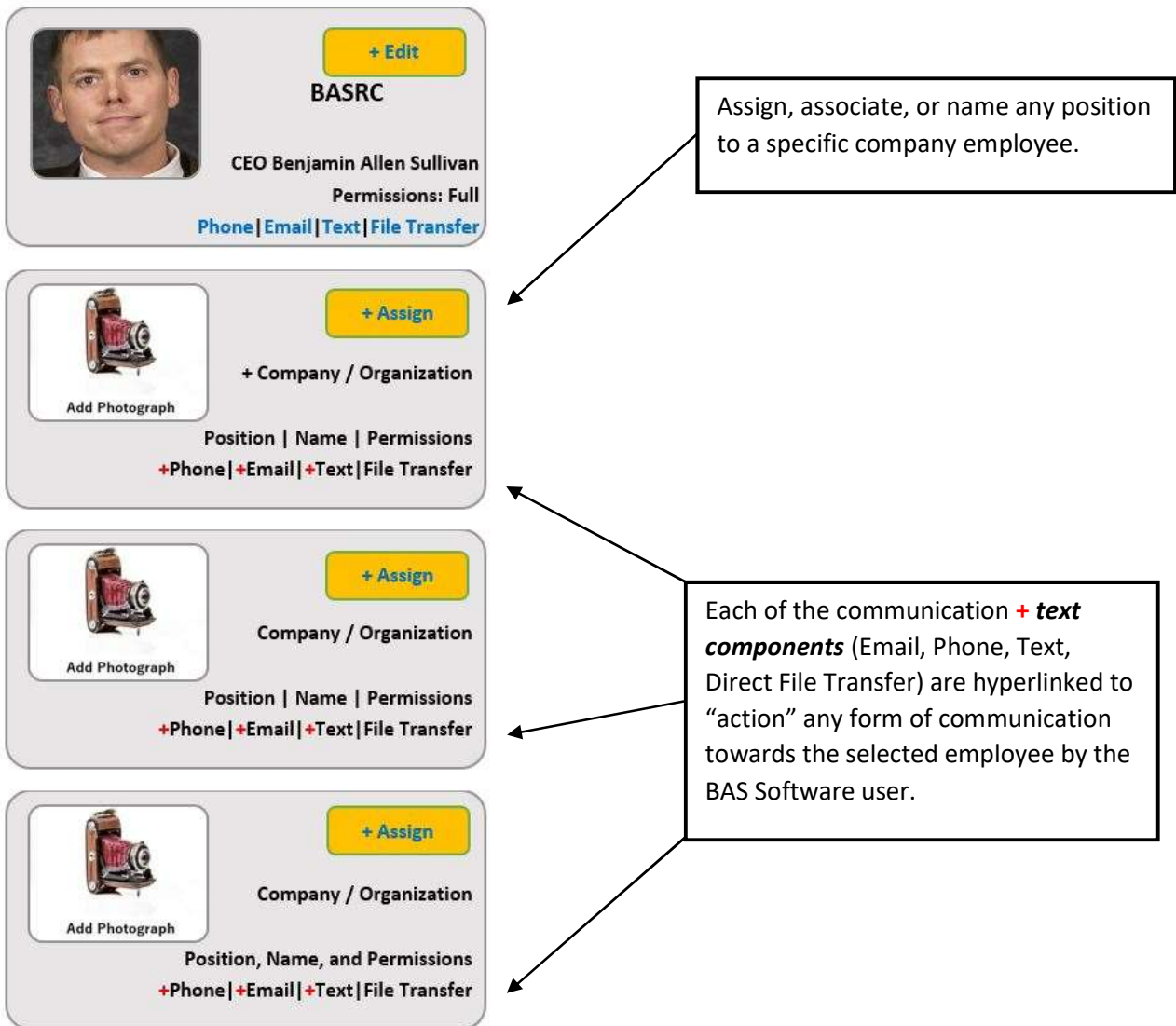


Figure 5: User Profile Menu Original BAS Software Purchaser

## Employee/User Download

Once an employee/user downloads the software onto their device and inputs the organizations licensing key, they will be able to see the *User Profile Menu* that the original BAS Software purchaser has created (the organizational structure). The employee/user will navigate to their pre-created position within the organization and claim their position via the "This is Me" feature adjacent to their profile. From this point, the employee/user's device will be synched to their particular position and they will be able to edit their contact information and potentially assign additional

employees to their organization if the original BAS Software purchaser has granted them permission to do so. The *User Profile Menu* will appear as in *figure 6* to those who have just downloaded the Software.

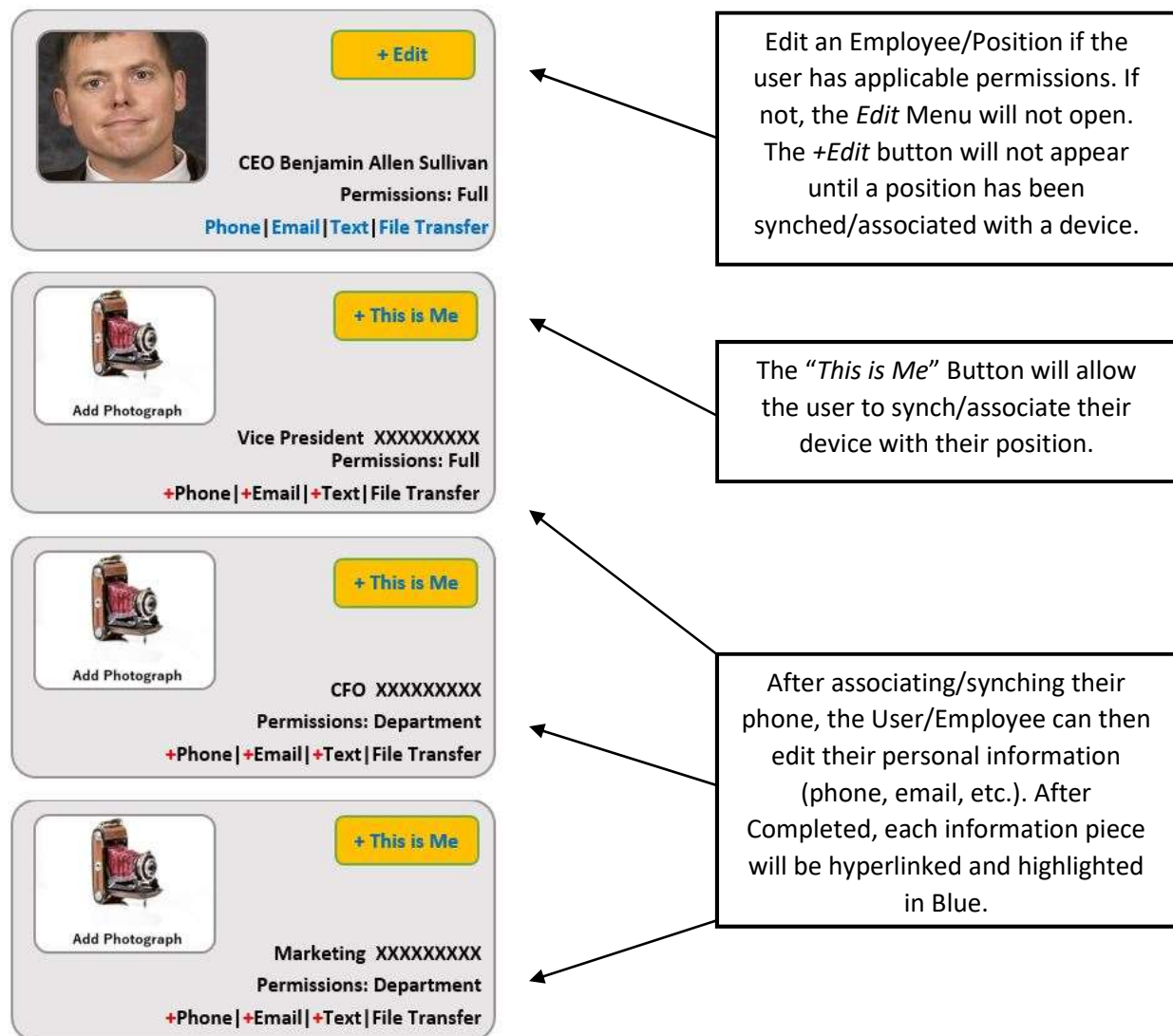


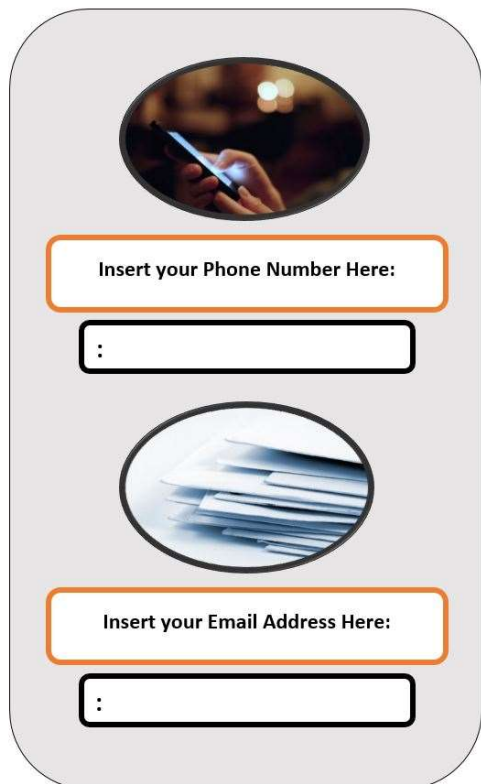
Figure 6: User Profile Menu – User/Employee Download

## The User Picture Feature

By clicking on the “Add Photograph” Camera Icon, the user will be prompted to add a photo derived from their picture gallery from within their device. The BAS software will automatically crop the photograph for the best representation, and display it within the employee picture square.

## User Contact Information Feature

This basic information is displayed under each name within the *User Profile Menu* (figures 5,6 above). The *User Contact Information Feature* allows the user to input their contact information (Phone Number, Email, and Texting Number) that all other BAS users will see. After this information is imputed, users will be able to utilize any of the communication links under a user profile and the mobile device will “action” the appropriate response. For example, if “Email” is clicked on, the Mobile Device will open the Mail System within the device and have the selected recipients email information entered. This applies to making a phone call or texting.



The interface is a vertical grey rounded rectangle. At the top is an oval image of a hand holding a smartphone. Below it is an orange-bordered box with the text "Insert your Phone Number Here:". Underneath is a white input field with a colon ":" on the left. Below the input field is an oval image of a stack of papers. Underneath is another orange-bordered box with the text "Insert your Email Address Here:". At the bottom is a white input field with a colon ":" on the left.

\*Note\* that after inputting the telephone number, both the *Phone* and *Text* Button will be hyperlinked utilizing that number for each function within the *User Profile Menu*.

Figure 7: User Contact Information Feature



## Meetings Menu

The attendance/participation to company/organizational meetings will be communicated in two ways with the BAS Software:

- a. There will be a display screen with each position highlighted within an office or suitable employee viewing area(s). Each member will “check in” via computer/phone each day prior to a scheduled meeting indicating whether they will participate within the meeting; and
- b. Travelling employees will participate via phone, VTC, etc.

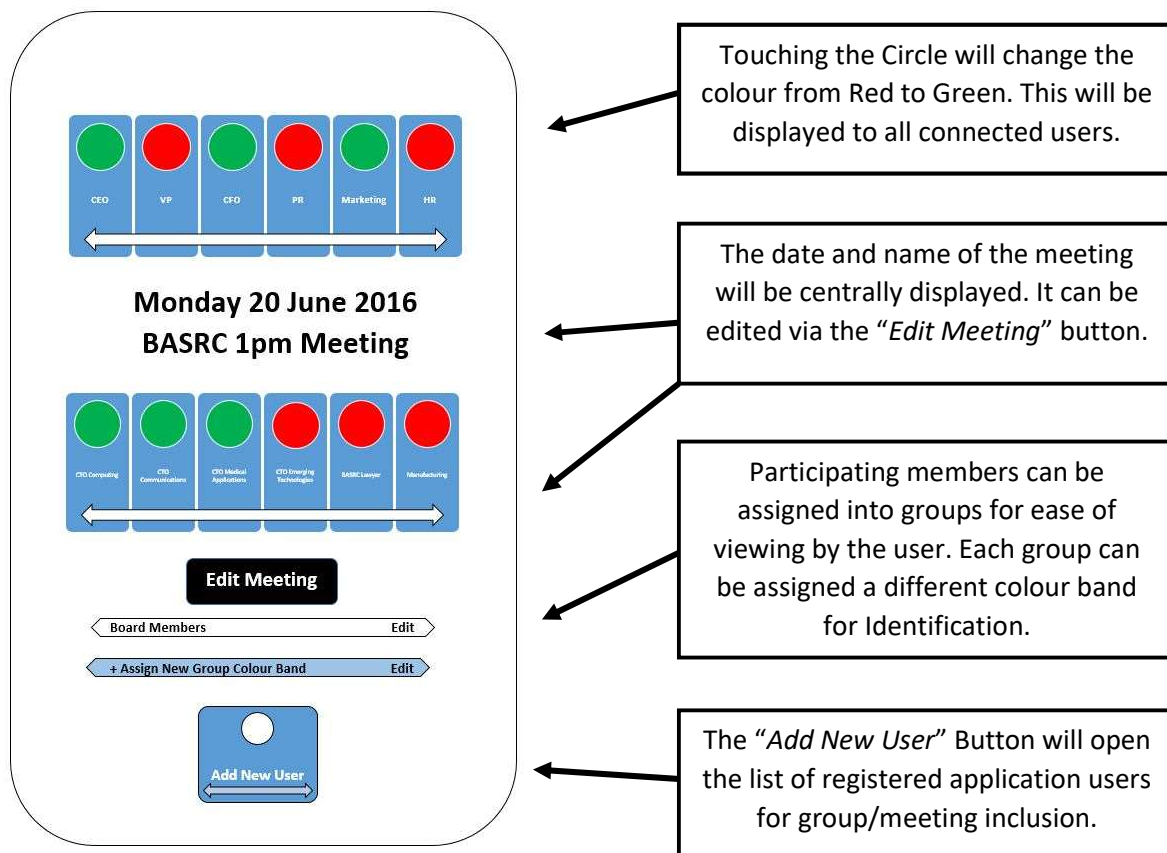


Figure 8: Mobile Device Display



## Calendar Menu

The calendar menu will offer three possibilities.

- a. The first is an internal BAS Software Calendar that will allow the user/employee to create/display events within the Company/Organization that utilizes the BAS Software. The company or organizations name will be inserted into this button (see figure 9 below for an example). Only BAS Software user calendar events will be displayed within this Calendar. The Calendar type/display will be derived from the device of the user's specific operating system (Apple or Android) and be a separate entity from their personal OS Calendar.

This option will allow for the user/employee to Sync an individual BAS Software user calendar event with their personal device OS calendar if desired. This feature is accomplished from within the BAS Software User Calendar by clicking on the BAS Software User calendar event that is desired, and clicking on the "Sync Event" button.

- b. The second will be access to the Software user's personal device calendar located within the user's mobile device (Android or Apple). This will allow the BAS Software user to browse their personal calendar without adding any of the BAS Software Company/Organization events. This provides quick access to their personal calendar for de-conflicting events.
- c. The third option will allow for the user/employee to Sync All BAS Software User calendar events with their personal device OS calendar. This is accomplished by clicking on the "Sync All *company/organization* Events" button. The company or organizations name will be inserted into this button (see figure 9 below for an example). The user does not have to enter the BAS Software User Calendar nor their Personal Calendar to synch all events.

The Calendar Menu will look as follows:

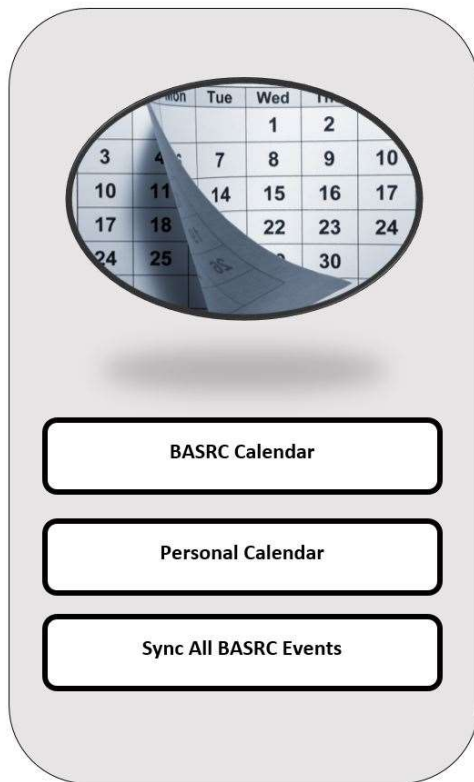


Figure 9: Calendar Menu

## Quick File Transfer Menu

This menu allows for the capability to transfer any file from one device to multiple devices. When this menu is selected, all of the BAS users within the organization will appear. The user selects all of the members that they want to send a file to. Thus, the *Quick File Transfer Menu* allows for sending a file or files to multiple BAS users at once (opposed to the Direct File transfer option under each User Profile). The type of file is not important as the end users will possess the applicable software to view and manage the files that they are transferring within the application.

- a. To Transfer files, the BAS Software user selects the company's/organization's desired recipients by pressing the "Select to Send File" button adjacent to each desired recipient. When this is completed, the button will change colour from Orange to the colour Green which indicates that the particular recipient has been selected for file transfer (Figure 10 below).

- b. The files are able to be moved from within the application into the storage area of the Mobile Device for access outside the BAS Software, and these files are selected from within the BAS Software user's OS Device (Apple or Android);
- c. The files will automatically open with the applicable software from within the application providing that the associated file software is already installed on the Mobile Device; and
- d. Mobile Devices (Android and Apple) will be able to transfer files directly between those that possess and have installed the software.

### Select a BAS User or Multiple Users for File Transfer

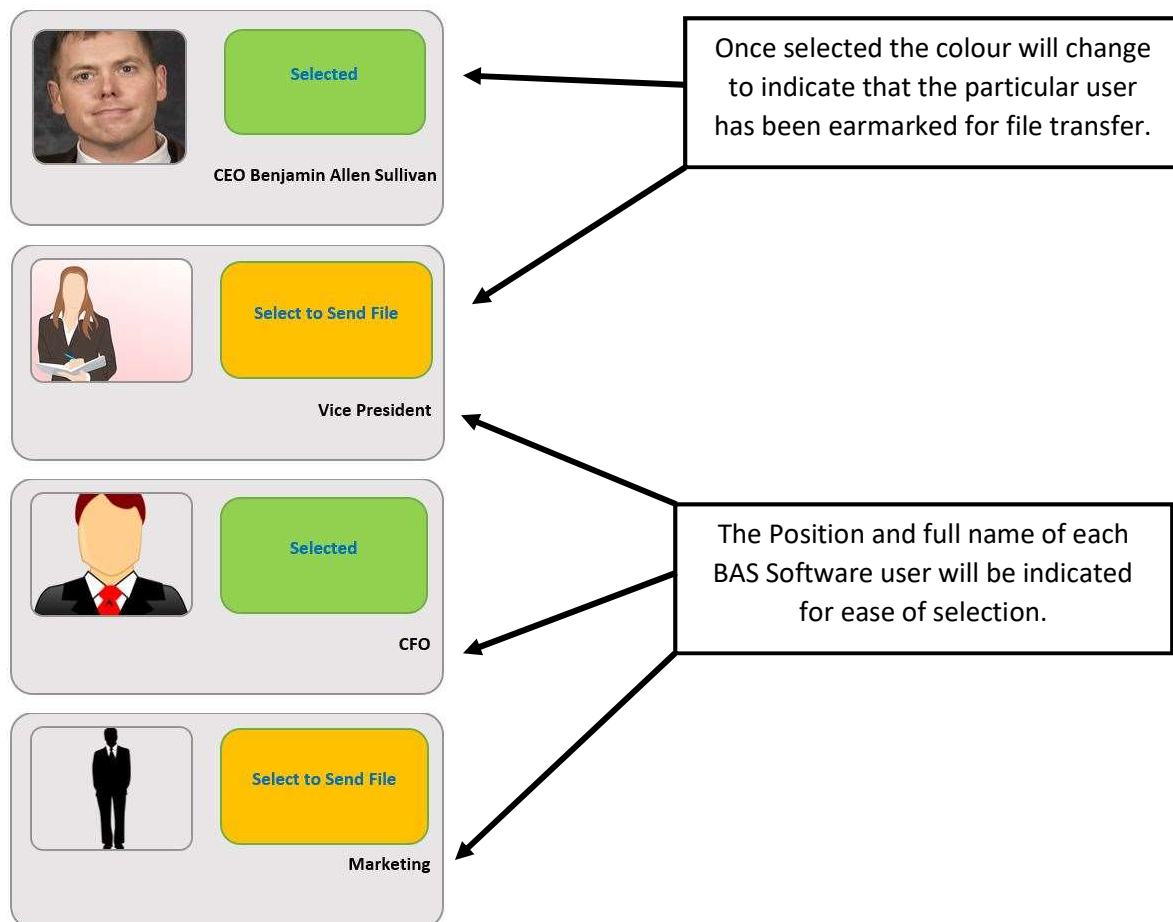


Figure 10: Quick File Transfer Menu Example

## **Monitor Connection Menu**

### Wired/Wireless Television/Monitor Compatible

The application will be capable of a connection to a Television via a wired or wireless connection from the device to the monitor. There is potential to utilize existing external software that offer a wide variety of different connection types/applications that will not be discussed here (as they have nothing to do with the patent and are owned by someone else).

#### Wired

In the simplest application, a BAS customer will require a device (Apple or Android) with Wi-Fi-Internet capability. The device will contain the BAS Software and will be able to be connected to the other BAS users via Wi-Fi (in addition to the cellular capability). The device will be plugged directly into the monitor via a HDMI cable. The purpose is to mirror the meeting screen (or any other BAS menu) for employees to easily see who will attend a meeting. This will be accomplished by the well thought-out placement of Monitors/Televisions displayed in a Company's or Organization's Office.

#### Wireless

Monitors/Televisions that are able to receive and display wireless connections from devices can be utilized in conjunction with the software. There is potential to utilize existing external wireless applications that offer a wide variety of different connection types that will not be discussed here (as they have nothing to do with the patent and are owned by someone else).

### TV/Monitor Display

Regardless of the connection type utilized (wired or wireless), the *Monitor Connection Menu* will default to the *Connection Meetings Menu Display* (figure: 5 below). This menu is the same as that of the *Meeting Menu Display* but without the additional ancillary information (edit meeting, assign board members, colour band, etc.). It is specifically designed for use/display on a monitor or television screen. It will look as follows:

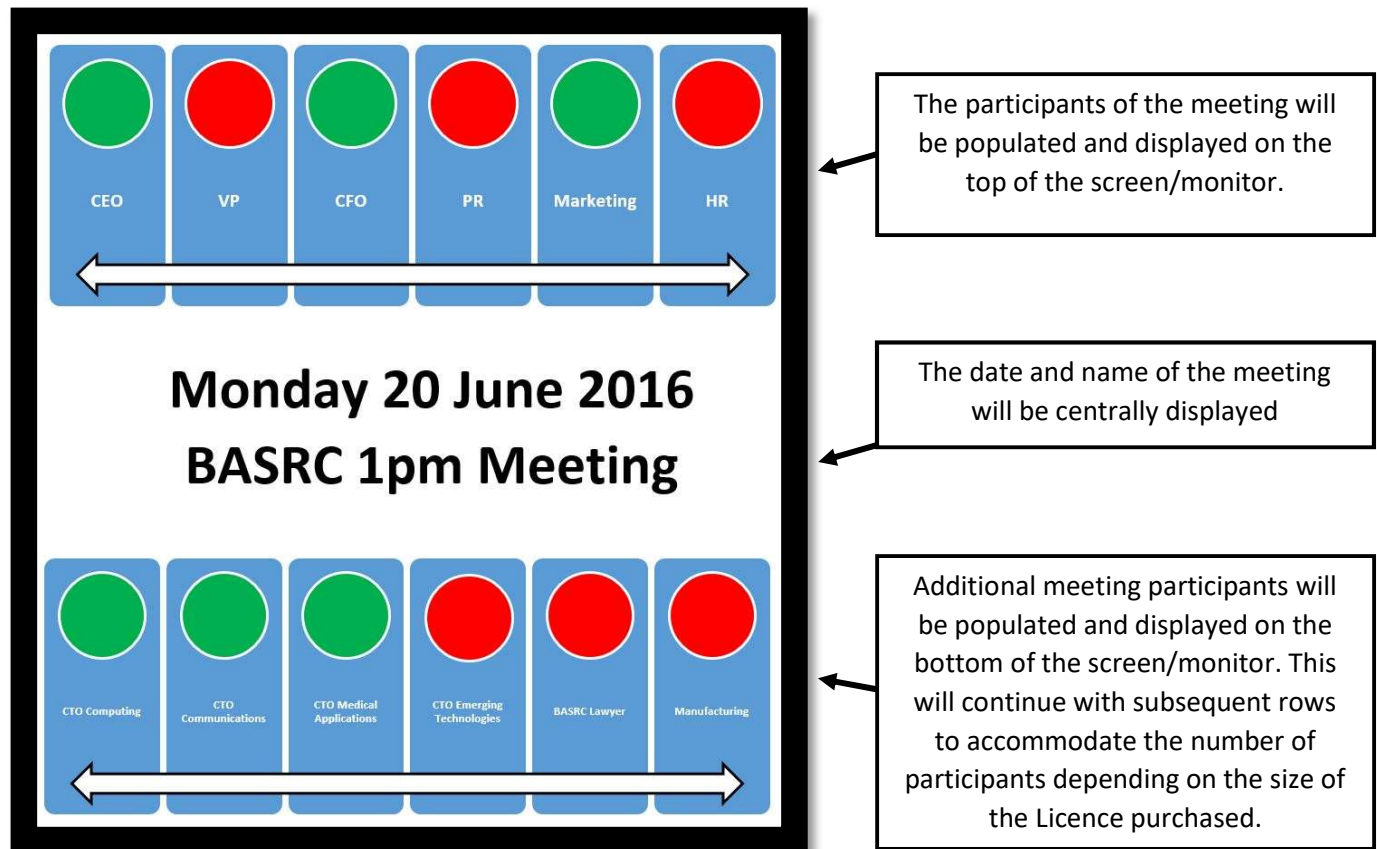


Figure 11: TV/Monitor Display

## 6. Other/Future Applications

### Cloud Based File Transfer: BAS Version 2

A BAS Cloud will be implemented for transfers of files to provide unhindered and lossless file service to the end users in a subsequent BAS Version 2 Release. The original software contained within this patent application will be designed and built with this future capability in mind. This feature will not be available until the release of BAS Version 2. This version will see an additional subscription cost (beyond the purchase of the software) for those who have large organizations and desire Cloud based lossless file transfer. A portion of these subscription costs will go towards maintaining the cloud.

### Business Organizational Charts BAS Version 2.

Pre-set but adjustable organizational chart templates will be available in various configurations (i.e. Standard Corp., LLC, etc.).

### Device Bridged VTC Application BAS Version 2

This will bridge Apple and Android Video Capabilities for VTC. In the interim for BAS Software Version 1, organizational devices of the same nature/type should be utilized or the use of external video applications will be required for video teleconference.